

What is claimed is:

1. A knitted screen cloth fabric comprising a polymer coated, fiber-reinforced, flexible, foil-like web, said web including a lattice material of filaments and a binding thread, wherein the fabric is coated after its formation.

5 2. The knitted screen cloth fabric as recited in claim 1, wherein the screen cloth is an insect screen cloth.

3. The knitted screen cloth fabric as recited in claim 1, wherein the lattice material of filaments includes fiberglass warp yarn and weft yarn.

10 4. The knitted screen cloth fabric as recited in claim 1, wherein the polymer coating is applied by a dip-coating or screen printing process following the knitting process.

5. The knitted screen cloth fabric as recited in claim 1, wherein the polymer coating is applied in-line with the knitting process.

6. The knitted screen cloth fabric as recited in claim 1, wherein the polymer is dried or fused by passing the fabric over a hot drum.

15 7. The knitted screen cloth fabric as recited in claim 1, wherein the polymer coating is polyvinyl chloride.

8. The knitted screen cloth fabric as recited in claim 1, wherein the polymer coating is acrylic-based.

20 9. The knitted screen cloth fabric as recited in claim 1, wherein the binding thread is a polyester binding thread.

10. A method for manufacturing a knitted screen cloth fabric, including a polymer

coated, fiber-reinforced, flexible, foil-like web, which comprises applying a polymer coating during a dip-coating process following the knitting process, wherein the fabric is coated after its formation.

11. The method as recited in claim 1, wherein the polymer coating is applied in-line
5 with the knitting process.

12. The method as recited in claim 1, wherein the coated fabric further comprises from about 0.1 - 0.5% of a defoamer.

13. The method as recited in claim 1, wherein the weight of the coating comprises about 15-80 weight % of total, coated fabric.

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